

ABSTRACT

A high load capacity hoist ring assembly that can be installed to achieve the required tensile value in the mounting shank member without the use of a torque multiplier or hydraulic tensioning device. The assembly comprises a shank member, a compression member, a lifting loop having a transversely disposed pivot structure captively engaged by a retainer flange. Uniquely the retainer flange includes a plurality of threaded holes adapted to accept bolts which when torqued with a conventional torque wrench combine to achieve the required tensile value in the mounting shank. Load Capacity ratings start at about 10,000 lbs and can well exceed 100,000 lbs.